

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM		DATE 27-JAN-14		F.R. # 10011042564		SERV. SUPV. FELIPE LANDA							
LEASE & WELL NAME RAZOR #11E-1401A - API 05123385290000		LOCATION 11-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 23		TYPE OF JOB Liner									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD						
		Float Collar, AI Flap, 4-1/2 - 8rd											
		Float Shoe 4-1/2 - 8rd											
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES									
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
				667	14.5	1.21	5.26	11:28	144.18	83.61			
					8.34				161				
					12				20				
					8.34					10			
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL		335.18	83.61						
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
6	15	13465	4	4.5	11.6	CSG	13460	5900	L-80	13460	13367		
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID			
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
6.3	7	26	CSG	6345	5900	LINER	5080	0	0	4	8RD	WATER BASED	9.2
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER		
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator			
161.4	BBLS	Fresh Water	8.34	496	0	0	0	0	7780	6224	TANK		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 3 BPM				
Mud Density In: 9.2 LBS/GAL Mud Density Out: 9.2 LBS/GAL						PV & YP Mud In:			PV & YP Mud Out:				
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:						Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>							
Displacement And Mud Removal													
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: 2 BBLS							
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL						Method Used to Verify Returns: VISUAL							
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO						Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES							
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 90		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID					
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD													
Plugs													
Number of Attempts by BJ: 0						Competition:		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:					
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES							
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Top of Plug: 0 FT			Bottom of Plug: 0 FT				
Squeezes (Update Original Treatment Report for Primary Job)													
BLOCK SQUEEZE <input type="checkbox"/> SHOE SQUEEZE <input type="checkbox"/> TOP OF LINER SQUEEZE <input type="checkbox"/> PLANNED <input type="checkbox"/> UNPLANNED <input type="checkbox"/>													
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		PSI Applied: 0 Fluid Weight: 0 LBS/GAL					
Casing Test (Update Original Treatment Report for Primary Job)													
Casing Test Pressure: 0 PSI						With 0 LBS/GAL Mud		Time Held: 00 Hours 00 Minutes					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE													
PRESSURE/RATE DETAIL						EXPLANATION							

CEMENT JOB REPORT



Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
 NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 NONE

PRESSURE/RATE DETAIL						EXPLANATION
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
	PIPE	ANNULUS				TEST LINES 4999 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
09:00	0	0	0	0	NA	YARD CALL
15:00	0	0	0	0	NA	ARRIVE ON LOCATION (rig running drill pipe)
19:00	0	0	0	0	NA	SPOT TRUCKS/ PRE RIG UP SAFETY MEETING
19:45	0	0	0	0	NA	SAFETY MEETING
20:11	3434	0	0	0	H2O	LOW PRESSURE TEST
20:17	4999	0	0	0	H2O	HIGH PRESSURE TEST
20:17	1514	0	4.8	10	H2O	FRESH WATER
20:31	959	0	3.6	20	H2O	ULTRAFLUSH II @ 12 PPG
20:44	1009	0	4.1	140	CEMENT	667 SACKS OF (50:50) POZ (FLY ASH): CLASS "G" CEMENT + 0.25% R-3 + 0.2% FL-63 + 0.2% CD-32 + 0.6% FL-52 + 3% BENTONITE II + 0.2% BA-59 @ 14.5 PPG
21:40	0	0	0	0	NA	WASH PUMP AND LINES
21:49	0	0	0	0	NA	DROP PLUG
21:50	1060	0	4.1	25	H2O	DISPLACE
21:59	2560	0	2.9	10	H2O	RATE CHANGE
22:04	2373	0	4.5	115	H2O	RATE CHANGE
22:28	1691	0	3	11	H2O	RATE CHANGE
22:32	2626	0	3	0	H2O	BUMP PLUG @ 161 BBLS
22:35	0	0	0	0	H2O	BLEED OFF PRESSURE CHECK FLOATS
22:48	1590	0	1.2	0	H2O	TEST PACKER
23:03	1590	0	0	0	H2O	END PACKER TEST
23:10	1514	0	6.1	154	H2O	CIRCULATE CLEAN
23:55	0	0	0	0	NA	POST JOB RIG DOWN SAFETY MEETING

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	2626	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	495	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

RAZOR 11E-1401A (C956)

